

Title (en)
SOLAR CELL DEVICE

Title (de)
SOLARZELLENVORRICHTUNG

Title (fr)
DISPOSITIF PHOTOVOLTAÏQUE

Publication
EP 2848752 A4 20160127 (EN)

Application
EP 13781564 A 20130426

Priority

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- JP 2013014693 A 20130129
- JP 2013062425 W 20130426

Abstract (en)
[origin: EP2848752A1] [Object] To provide a photovoltaic cell device with good construction efficiency. [Solution] A photovoltaic cell device 1 includes a pole member 22 which stands on an installation surface P, a connecting support member 25 disposed on an upper end section 22b of the pole member 22, a rail member 23 supported by the connecting support member 25, and a photovoltaic cell module 2 disposed on the rail member, wherein the pole supporting member 25 includes a lower section that covers at least a portion of an outer peripheral surface of the upper end section 22b of the pole member 22.

IPC 8 full level
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F24S 25/10 (2018.04 - EP US); **F24S 25/12** (2018.04 - EP US); **F24S 25/20** (2018.04 - EP US); **F24S 25/35** (2018.04 - EP US);
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F24S 2025/807 (2018.04 - EP US); **Y02E 10/47** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP)

Citation (search report)

- [XYI] US 2012056066 A1 20120308 - HABDANK MARTIN [DE], et al
- [X] DE 202010004694 U1 20100715 - PIETRZAK ARNDT [DE]
- [X] DE 20319065 U1 20040226 - PHOENIX SONNENSTROM AG [DE]
- [X] EP 2211122 A1 20100728 - MOUNTING SYSTEMS GMBH [DE]
- [Y] CN 202058760 U 20111130 - ZHEJIANG POWENERGY PHOTOVOLTAIC TECHNOLOGY CO LTD, et al
- [X] WO 2010124529 A1 20101104 - WUXI SUNTECH POWER CO LTD [CN], et al
- [X] EP 2381484 A1 20111026 - VALENTE S P A [IT]
- [X] US 2011049322 A1 20110303 - PHAM WILLIAM [US], et al
- [A] US 2012001046 A1 20120105 - SCHMOTZ GERD [DE]
- See references of WO 2013162009A1

Cited by
FR3114203A1; EP3687060A3

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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US 2015144580 A1 20150528; US 9553543 B2 20170124; WO 2013162009 A1 20131031

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EP 13781564 A 20130426; JP 2013062425 W 20130426; JP 2014512717 A 20130426; US 201314397171 A 20130426